

**What is claimed is :**

1. A method for seamless record of real-time video and audio data, which is utilized in a disc burning system having a disc burning device and a storing device for recording a real-time video and audio data, comprising following steps:

recording the real-time video and audio data to a first disc by the disc burning device; and

recording the continuing real-time video and audio data to the storing device after the first disc is fully recorded and saving the continuing real-time video and audio data as a plurality of multimedia files.

2. The method for seamless record of real-time video and audio data as claimed in claim 1 further comprising the step of burning at least one multimedia file to a second disc.

3. The method for seamless record of real-time video and audio data as claimed in claim 2, wherein the first disc and the second disc are selected from a group consisting of DVD and CD discs.

4. The method for seamless record of real-time video and audio data as claimed in claim 2, wherein the size of each multimedia file is smaller than or approximately equal to the capacity of the second disc.

5. The method for seamless record of real-time video and audio data as claimed in claim 1, wherein the format of the multimedia file is selected from a group consisting of VOB (Video Object), MPEG, AVI and MP3 formats.

6. The method for seamless record of real-time video and audio data as claimed in claim 1, wherein the real-time video and audio data is selected from one of TV and broadcasting programs.

7. The method for seamless record of real-time video and audio data as claimed in claim 1 further comprising the step of setting the format of the multimedia file prior to the step of recording the real-time video and audio data to a first disc.

8. The method for seamless record of real-time video and audio data as claimed in claim 1 further comprising the step of producing a proxy file used for

recording file information of each multimedia file, wherein the file information includes at least one of file size, file format and file location (path).

9. The method for seamless record of real-time video and audio data as claimed in claim 1, wherein the disc burning system is achieved by one of a personal computer and a home video recorder.

10. A system for seamless record of real-time video and audio data, which is used for recording a real-time video and audio data, comprising:

    a disc burning device for recording the real-time video and audio data to a first disc; and

    a storing device for saving the continuing real-time video and audio data as a plurality of multimedia files after the first disc is fully recorded.

11. The system for seamless record of real-time video and audio data as claimed in claim 10, wherein the first disc is selected from a group consisting of DVD and CD discs.

12. The system for seamless record of real-time video and audio data as claimed in claim 10, wherein the format of the multimedia file is selected from a group consisting of VOB (Video Object), MPEG, AVI and MP3 formats.

13. The system for seamless record of real-time video and audio data as claimed in claim 10, wherein the real-time video and audio data is selected from one of TV and broadcasting programs.

14. The system for seamless record of real-time video and audio data as claimed in claim 10, wherein the storing device is a hard disk.

15. The system for seamless record of real-time video and audio data as claimed in claim 10 further comprising a proxy file for recording file information of each multimedia file, wherein the file information includes at least one of file size, file format and file location (path).

16. The system for seamless record of real-time video and audio data as claimed in claim 15 further comprising a disc proxy unit which produces a disc menu according to the file information recorded on the proxy file, wherein the disc menu includes a plurality of numbered discs and each numbered disc is corresponding to each multimedia file.

17. The system for seamless record of real-time video and audio data as claimed in claim 16 further comprising a user interface on which the disc menu is provided and a user can select at least one numbered disc through the user interface to play the multimedia file corresponding to the selected numbered disc.
18. The system for seamless record of real-time video and audio data as claimed in claim 16 further comprising a user interface on which the disc menu is provided and a user can select at least one numbered disc through the user interface to burn the multimedia file corresponding to the selected numbered disc to a second disc.
19. The system for seamless record of real-time video and audio data as claimed in claim 18, wherein the second disc is selected from a group consisting of DVD and CD discs.
20. The system for seamless record of real-time video and audio data as claimed in claim 10 being achieved by one of a personal computer and a home video recorder.